

INDIANA DEPARTMENT  
OF  
HOMELAND SECURITY

FIREFIGHTER 2  
SAMPLE TEST

1. Of the following, the information that would **not** be contained on a fire report is the:  

A. number of personnel who responded.	B. time call was dispatched.
C. IDLH conditions prior to fire attack.	D. number of apparatus used on scene.
2. Hose from a high-rise pack should be connected to the standpipe connection on the floor \_\_\_\_\_ the fire floor with extra hose flaked \_\_\_\_\_ the stairs of the fire floor.  

A. below; up	B. above; up	C. below; down	D. above; down
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3. An air or pneumatic chisel is **especially** effective in cutting:  

A. solid steel members.	B. medium to heavy-gauge sheet metal.
C. light to medium thickness plastic.	D. fiberglass.
4. Smoke detectors work primarily on the principles of photoelectricity and:  

A. rate of rise.	B. fixed temperature.
C. ionization.	D. laser beam.
5. In the Incident Management System, \_\_\_\_\_ are functional crews assigned to perform a specific task such as ventilation or rescue.  

A. divisions	B. groups	C. single resources	D. branches
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6. A uniform data collection system used by most departments to track incident information is known as the:  

A. National Fire Incident Reporting System.	B. National Fire Incident Recording System.
C. First National Incident Reporting System.	D. First National Incident Response System.
7. Masonry load-bearing walls are **most commonly** found in \_\_\_\_\_ construction.  

A. ordinary	B. frame	C. fire resistive	D. noncombustible
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8. The use of a power saw in a flammable atmosphere is:  

A. not recommended.	B. recommended only when the saw is equipped with a blade spark arrestor.
C. acceptable when trapped victims are present.	D. recommended only when the saw is equipped with a muffler spark arrestor.
9. There are two types of tests for fire hose; service and \_\_\_\_\_ testing.  

A. manufacturer	B. pressure	C. acceptance	D. distance
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10. Once the valve on a container of flammable liquids has been shut off, the hose crew should:
- A. shut off the nozzles and exit the area.
  - B. continue to apply water as they exit the area.
  - C. continue to apply water and wash down the area.
  - D. shut off the water and monitor the area.
11. Of the following, the information that **would not** be recorded on a hose log is:
- A. the date of the test.
  - B. the person conducting the test.
  - C. failure or pass.
  - D. the source of water used during testing
12. Which of the following **is not** one of the normal observations that firefighters make to assist in determining fire cause?
- A. How the fire reacted to water application
  - B. People leaving the fire scene in a hurry
  - C. Hindrances to firefighting
  - D. The number and location of observers
13. Large pipes that carry large quantities of water to various points along the water supply system for distribution to smaller mains **best** defines:
- A. primary feeders.
  - B. secondary feeders.
  - C. distributors.
  - D. grid network.
14. To prevent a pressurized hose from injuring a firefighter, a gate valve should be placed in line with a \_\_\_\_\_ hole driller in the gate.
- A. 1/8 inch
  - B. 1/4 inch
  - C. 1/2 inch
  - D. 3/4 inch
15. Which one of the following statements regarding duct systems is **false**?
- A. The HVAC system should be shut down immediately by fire personnel to alleviate the spread of heat/smoke and fanning of hidden fire.
  - B. Firefighters should be familiar with manual controls of a building's HVAC system.
  - C. Preincident plans should indicate design capabilities of the building's HVAC system.
  - D. Openings for cleaning and duct outlets can be used to check for smoke/fire spread.
16. On a wet-pipe sprinkler system with an alarm check valve, the \_\_\_\_\_ is \_\_\_\_\_ to test the alarm without unseating the alarm check valve.
- A. alarm test valve, opened
  - B. 2-inch drain, opened
  - C. main control valve, opened
  - D. inspector's test connection, opened
17. Which extinguishing agent generally **is not** used in total flooding systems?
- A. Carbon dioxide
  - B. Dry chemicals
  - C. Water
  - D. Foam

18. A \_\_\_\_\_ collapse may occur when a heavy load concentrated near the center of a floor causes a collapse.
- A. V-type                      B. lean-to                      C. tunnel                      D. pancake
19. The post between the front and rear doors on a four-door vehicle is the:
- A. A-post                      B. B-post                      C. C-post                      D. D-post
20. The **best** method for forcing a tempered glass door is to:
- A. strike a sharp blow to the glass with a blunt tool.  
B. use the through-the-lock technique.  
C. use a saw to cut the frame.  
D. use a saw to cut the wall next to the door.
21. **Directions:** Read the statements below. Select your answer from alternatives A-D below.
1. Flow pressure is only measured through a nozzle.
2. Static pressure is stored potential energy available to move water through pipes, hoses, fittings, and adapters.
3. Residual pressure is that part of the total available pressure that **is not** used to overcome friction or gravity while forcing water through pipe, fittings, fire hose, and adapters.
- A. Statements 1, 2, and 3 are true.  
B. Statement 1 is true; statements 2 and 3 are false.  
C. Statements 1 and 3 are false; statement 2 is true.  
D. Statement 1 is false; statements 2 and 3 are true.
22. For a circular saw, a \_\_\_\_\_ blade is superior to a standard blade because it is less prone to dulling with heavy use.
- A. large-toothed                      B. fine-toothed                      C. carbide-tipped  
D. all of the above.
23. Which of the following statements is incorrect regarding fire involving a flammable gas cylinder?
- A. Downwind areas should be the first areas evacuated.  
B. Apparatus should be staged uphill.  
C. Fire should only be extinguished if the valve is not involved.  
D. Fire should only be extinguished if the valve can be shut off.

24. Before conducting a pre-incident survey and inspection for the purpose of prefire planning, the occupant should be notified in advance so:
- A. the occupant can correct any fire hazards before the fire department arrives.
  - B. there will be minimum inconvenience to the owner, occupant, and fire department.
  - C. the owner can have fire extinguishers filled.
  - D. someone will be at the location to fill out fire department forms.
25. Fire officials investigating a building fire may prevent owners and occupants from reentering until:
- A. they can be accompanied by fire department personnel.
  - B. they are cleared as suspects.
  - C. they cleared by certified fire investigators.
  - D. an insurance representative arrives.

### **REFERENCE LIST FOR FIREFIGHTER II - VERSION 7.5**

	<u><i>Publisher/Title/Edition</i></u>	<u><i>Key Word</i></u>
1.	Delmar, Firefighter's Handbook, Essentials of Firefighting and Emergency Response, 2nd Edition, 1st Printing  Delmar, Firefighter's Handbook, Basic Essentials of Firefighting, 2nd Edition, 1st Printing	FFHB 2
2.	IFSTA, Essentials of Fire Fighting, 4th Edition, 1st Printing	EOFF 4
3.	Jones and Bartlett, Fundamentals of Fire Fighter Skills, 1st Edition, 1st Printing	FFFS 1
4.	NFPA 101, Professional Qualifications for Firefighter, 2002 Edition	NFPA